

Spectrum Group  
Division of United Industries  
P. O. Box 142642  
St. Louis, MO 63114-0642

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System – (HMIS)

HEALTH – 2

REACTIVITY – 0

FLAMMABILITY – 2

PERSONAL – Rubber gloves, face mask or goggles

**I Trade Name:** Spectracide® Diazinon Multi-Purpose Insect Spray Concentrate

**Product Type:** Liquid dilutable insecticide concentrate

**Product Item Number:** 10300/10400

**Formula Code Number:** 21-0327

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone Numbers**

8845-92

Chemisco  
Division of United Industries Corporation  
8494 Chapin Industrial Drive  
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-332-5553  
**Prepared by:** C. A. Duckworth  
**Date Prepared:** September 3, 1999

## II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Aromatic petroleum Hydrocarbon CAS# 64742-94-5	59.0	100 ppm	NA
Paraffinic petroleum Distillate CAS# 64742-21-8	10.0	100 ppm	100 ppm
Diazinon CAS# 333-41-5	25.0	0.1 mg/m <sup>3</sup> (skin)	0.1 mg/m <sup>3</sup> (skin)

## III Physical and Chemical Characteristics

<b>Appearance &amp; Odor:</b>	Clear yellow liquid with strong diazinon odor.
<b>Boiling Point:</b>	NA
<b>Melting Point:</b>	NA
<b>Vapor Pressure:</b>	NA
<b>Specific Gravity:</b>	0.93 (H <sub>2</sub> O = 1)
<b>Vapor Density:</b>	Greater than 1 (Air = 1)
<b>% Volatile (by vol.):</b>	70%
<b>Solubility in Water:</b>	Emulsifiable in water
<b>Evaporation Rate:</b>	Less than 1 (Butyl Acetate = 1)

## IV Fire and Explosive Hazards Data

<b>Flash Point:</b>	153° F (TCC)
<b>Flammable Limits:</b>	NE
<b>Autoignition Temperature:</b>	NA
<b>Fire Extinguishing Media:</b>	Water fog, Carbon dioxide, Dry chemical
<b>Decomposition Temperature:</b>	NA
<b>Special Fire-Fighting Procedures:</b>	Keep containers cool to avoid explosive ignition. Use self-contained breathing apparatus in enclosed areas. Dike area to prevent runoff. Fight fire upwind.
<b>Unusual Fire &amp; Explosion Hazards:</b>	Vapors are heavier than air and may travel along ground to ignition sources distant from handling point. Vapors and fumes may be hazardous. Also see Section V.

## V Reactivity Data

<b>Stability:</b>	Stable
<b>Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Acid and bases
<b>Incompatible Materials:</b>	NA
<b>Hazardous Decomposition or Byproducts:</b>	O,S-TEPP (in presence of trace amounts of water). This reaction will not occur when diazinon is mixed with large amounts of water.

## VI Health Hazard Data

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a physician immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

**NOTE TO PHYSICIAN:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present; atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates, which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

**Skin Contact:** Harmful if absorbed through skin. **First Aid:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

**Eye Contact:** Cause moderate eye injury. **First Aid:** Rinse eyes with plenty of water and call a physician immediately.

**Inhalation Toxicity:** Harmful if inhaled. Avoid breathing vapors. **First Aid:** Remove to fresh air. Apply artificial respiration if indicated. Get medical attention.

**Health conditions Aggravated by Exposure:** Existing skin or respiratory disorders.

**Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:** None

## VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:**  
Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up with absorbent material.

**Waste Disposal:**  
Give to qualified waste disposal service.

**Handling & Storage Precautions:**  
Store in well-ventilated area, away from food and beverages. Wash thoroughly after handling. Do not store where temperatures can exceed 54° C/130° F.

## VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

## IX Transportation Data

**DOT Shipping Name:** Not Regulated by DOT  
**DOT Hazard Class:** Class III – A Liquid

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.